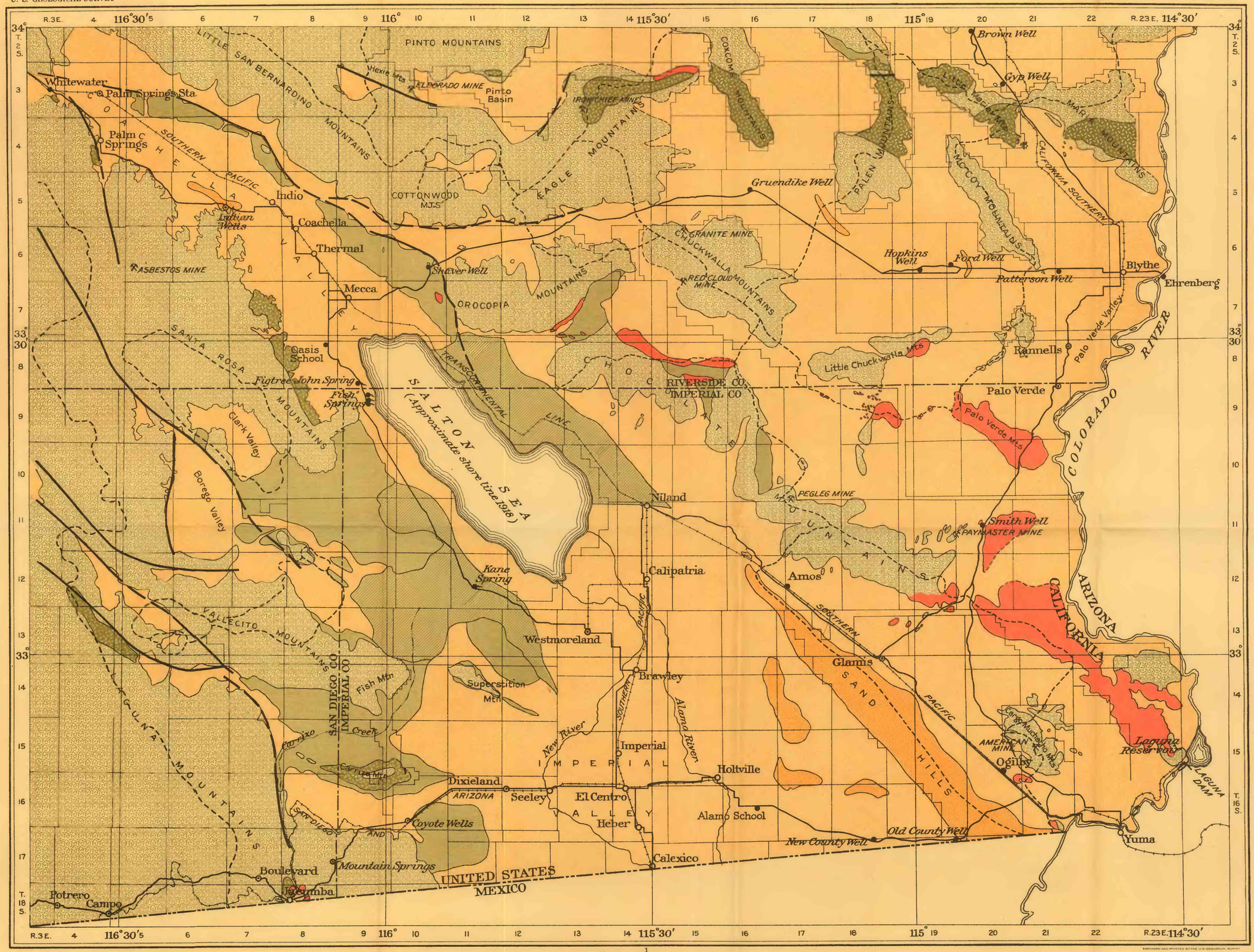

EXPLANATION

QUATERNARY

Dune sand

Alluvium
(Silt, sand, and conglomerate, unconsolidated and usually undisturbed)

LATE TERTIARY AND POSSIBLY QUATERNARY

Tsc Tsb

Tsc Stratified clay, sand, and conglomerate, poorly consolidated, highly gypsiferous in places, usually tilted and broken. In part marine, in part terrestrial.

Tsb Same deposits as Tsc but beveled by wave action and thinly veneered with silt; exposed by erosion in arroyos

PRE-TERTIARY

Metamorphic sedimentary rocks
(Marble, quartzite, slate, and gypsum beds in eastern part of region; marble and arenaceous schist or slate in western part of region; all highly metamorphosed. Probably chiefly pre-Cambrian or Paleozoic but may include some Mesozoic rocks)

IGNEOUS ROCKS

TERTIARY AND QUATERNARY

Volcanic extrusives
(Andesite, rhyolite, basalt, obsidian. Probably mainly Tertiary)

PRE-TERTIARY

Granite, diorite, gabbro, and some schists
(Probably pre-Cambrian in eastern part of region; chiefly batholithic intrusions, probably Mesozoic in western part of region)

Fault
(Doubtful where broken)

Drainage divide

- Water only
- Water, provisions, and automobile supplies
- Important town; hotel accommodations, garages, etc.

Scale: 1:500,000

0 5 10 20 30 Miles

RECONNAISSANCE GEOLOGIC MAP OF SALTON SEA REGION, CALIFORNIA

SHOWING ALSO DRAINAGE DIVIDES

ENGRAVED AND PRINTED BY THE U.S. GEOLOGICAL SURVEY